

Upper Silice Late Stage PD

SNc showing severe signal loss

P2

FIG. 1
PAGE 31/38 * RCVD AT 12/3/2007 6:23:32 PM [Eastern Standard Time] * SYR:USPTO-EFXRF-6/5 * DNIS:2738300 * CSID:+212 391 0631 * DURATION (mm-ss):04-54

SNc Upper Slice Control subject

SN_C Lower Slice Control subject







+212-391-0631



SN_C Upper Slice PD Patient 1

SN_C Lower Slice PD Patlent 1







SN_C Upper Slice PD Patient 2

SN_C Lower Slice PD Patient 2









Ratio images of the substantia nigra pars compacta (SN_c) after automated segmentation of the WMS images of the cerebral peduncle.

Progressive Supranuclear Palsy (PSP)



Upper (WMS / GMS) Ratio Image



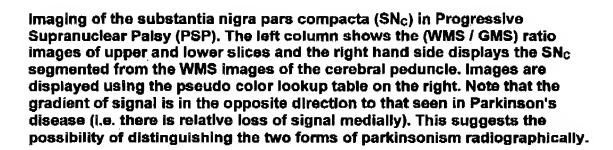




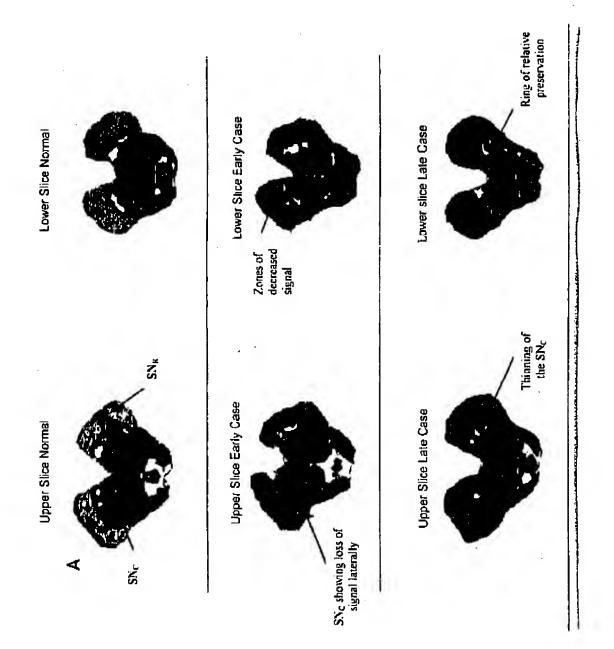
Lower (WMS / GMS)
Ratio Image











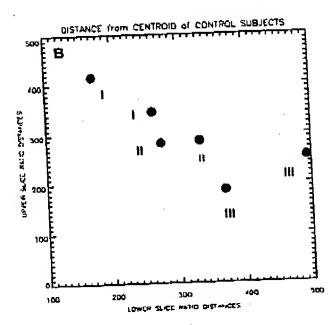


Fig. 5

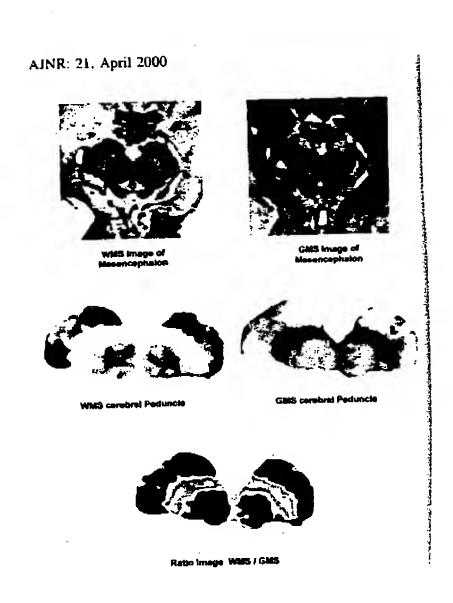


Fig. 6

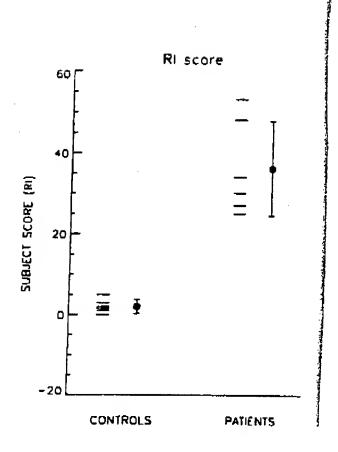


Fig. 7

Fig. 8